

**U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION  
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- FAR PART 97.31**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH. and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

Initial approach minimum altitude(s) shall correspond with those established for enroute operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when; (A) Visual contact is established on final approach at or before descent to the authorized landing minimums; or (B) at pilot's discretion if it appears desirable to discontinue the approach.

Except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when; (A) communications on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controllers; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES <i>(Sectors and distances measured from radar antenna)</i>												MISSED APPROACH			
FROM	T O	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP:			
												RWY 5, 14, 23, 32: 0.5 NM FROM THLD			
AS ESTABLISHED BY THE CURRENT FORT WAYNE ASR MINIMUM VECTORING ALTITUDE CHART.												SEE FORM 8260-10 FOR MISSED APPROACH INSTRUCTIONS.			

**MINIMUMS**

TAKEOFF:		STANDARD	<input checked="" type="checkbox"/>	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE:	N A		STANDARD*					
CATEGORY =====>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>			
	DH/MDA	VIS	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA	
S-5	1320	2400	505	1320	2400	505	1320	5500	505	1320	5500	505	1320	5500	505	
S-14	1320	1	518	1320	1	518	1320	1 3/8	518	1320	1 3/8	518	1320	1 3/8	518	
S-23	1300	5500	501	1300	5500	501	1300	1 3/8	501	1300	1 3/8	501	1300	1 3/8	501	
S-32	1280	2400	480	1280	2400	480	1280	5000	480	1280	5000	480	1280	5000	480	
CIRCLING	1320	1	505	1320	1	505	1420	1 3/4	605	1520	2 1/4	705	1520	2 1/2	705	

**NOTES:**

RWY 5: FAF 5.0 NM FROM THRESHOLD, MINIMUM ALTITUDE 2200, FINAL APPROACH COURSE 050.21  
RECOMMENDED ALTITUDE: 4 NM 1940, 3 NM 1660, 2 NM 1400  
RWY 14: FAF 5.0 NM FROM THRESHOLD, MINIMUM ALTITUDE 2200, FINAL APPROACH COURSE 140.69  
RECOMMENDED ALTITUDE: 4 NM 1940, 3 NM 1660, 2 NM 1400  
RWY 23: FAF 5.0 NM FROM THRESHOLD, MINIMUM ALTITUDE 2200, FINAL APPROACH COURSE 230.33  
RECOMMENDED ALTITUDE: 4 NM 1940, 3 NM 1660, 2 NM 1400  
RWY 32: FAF 5.0 NM FROM THRESHOLD, MINIMUM ALTITUDE 2200, FINAL APPROACH COURSE 320.81  
RECOMMENDED ALTITUDE: 4 NM 1940, 3 NM 1660, 2 NM 1400  
\*CAT D 800-2 1/4, CAT E 800-2 1/2

LOST COMMUNICATIONS (ALL RWYS): AS DIRECTED BY ATC ON INITIAL CONTACT.

**ADDITIONAL FLIGHT DATA**

TDZE: 815	RWY: 5	TDZE: 802	RWY: 14
TDZE: 799	RWY: 23	TDZE: 800	RWY: 32

FAS OBST:  
RWY 5: 1069 AAO 405311.95N/0851548.04W  
RWY 14: 1069 AAO 410355.94N/0851546.42W  
RWY 23: 1019 AAO 410219.90N/0850641.40W  
RWY 32: 1029 AAO 405419.81N/0850802.97W  
CHART CIRCLING ICON

MAG VAR: 6W EPOCH YEAR: 2020

**QUALITY  
10  
CHECKED**

CITY AND STATE	ELEVATION: 815	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
FORT WAYNE, IN	AIRPORT NAME: FORT WAYNE INTL	FWA ASR	RADAR-1 ,AMDT 26	AMDT: 25
				DATED: 07/02/09

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE 04/27/2017
COORDINATED WITH: <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">ATA <input checked="" type="checkbox"/></div> <div style="text-align: center;">AAT <input type="checkbox"/></div> <div style="text-align: center;">ALPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">APA <input checked="" type="checkbox"/></div> <div style="text-align: center;">AOPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">NBAA <input checked="" type="checkbox"/></div> <div style="text-align: center;">OTHER (specify) <input checked="" type="checkbox"/> ZAU, FWA APP CON, FWA ATCT, AMGR</div> </div>		
FLIGHT CHECKED BY		
NAME:	PENDING	FIFO DATE:
DEVELOPED BY		
NAME:	<i>Digitally signed by</i> <b>PABLO ORTIZ-JR</b> PABLO ORTIZ Oct 21, 2016	FIFO AJV-5423 DATE: 06/03/2016
APPROVED BY		
NAME:	TONY R LAWSON  <i>Digitally signed by</i> <b>STEVEN A VARGAS</b> Jan 30, 2017 MANAGER	FIFO AJV-5420 DATE:
CHANGES: 1. ADDED ALTERNATE MINIMUMS CAT D 800-2 1/4. 2. UPDATED S-5 FINAL APPROACH COURSE FROM 047.21 TO 050.21, MDA FROM 1300/HAT 486 ALL CATS TO MDA 1320/HAT 505 ALL CATS, VIS FROM CAT C RVR 4000, CAT D RVR 5000, CAT E RVR 6000 TO VIS CAT C/D/E RVR 5500. 3. UPDATED S-14 FINAL APPROACH COURSE FROM 137.70 TO 140.69, MDA FROM 1300/HAT 498 ALL CATS TO MDA 1320/HAT 518 ALL CATS, VIS FROM CAT C 1 1/4, D 1 1/2, E 1 3/4 TO VIS CAT C/D/E 1 3/8. 4. UPDATED S-23 FINAL APPROACH COURSE FROM 227.33 TO 230.33, VIS FROM CAT A/B 1 TO RVR 5500, CAT C/D 1 1/2, CAT E 1 3/4 TO CAT C/D/E 1 3/8. 5. UPDATED S-32 FINAL APPROACH COURSE FROM 317.81 TO 320.81, MDA FROM 1260/HAT 460 ALL CATS TO MDA 1280/HAT 480 ALL CATS, VIS CAT C FROM RVR 4000 TO RVR 5000. 6. UPDATED CIRCLING CAT A/B MDA FROM 1300/HAA 486 TO MDA 1320/HAA 505, CAT C MDA FROM 1300/HAA 486 TO MDA 1420/HAA 605, CAT D MDA FROM 1380/HAA 566 TO MDA 1520/HAA 705, CAT E HAA FROM 706 TO 705, VIS CAT C FROM 1 1/2 TO 1 3/4, CAT D FROM 2 TO 2 1/4. 7. UPDATED RWY 5 TDZE FROM 814 TO 815. 8. UPDATED FAS OBS ALL RUNWAYS. 9. UPDATED MAG VAR EPOCH YEAR FROM 3W/1985 TO 6W/2020. 10. UPDATED MISSED WORDING FROM VIA TO ON. (SEE FORM 8260-10)		
REASONS: 1. NEW CAT D HAA REQUIRES ALTERNATE MINIMUMS. 2. MAG VAR UPDATED FROM 3W TO 6W, NEW CONTROLLING OBSTRUCTION 73 FEET HIGHER AND VISIBILITY SET TO CURRENT VALUES. 3. MAG VAR UPDATED FROM 3W TO 6W, NEW CONTROLLING OBSTRUCTION 19 FEET HIGHER AND VISIBILITY SET TO CURRENT VALUES. 4. MAG VAR UPDATED FROM 3W TO 6W AND VISIBILITY SET TO CURRENT VALUES. 5. MAG VAR UPDATED FROM 3W TO 6W, NEW CONTROLLING OBSTRUCTION 29 FEET HIGHER AND VISIBILITY SET TO CURRENT VALUES. 6. CATS A/B SET TO STRAIGHT-IN MINIMUMS, CAT C NEW CONTROLLING OBSTRUCTION 61 FEET HIGHER, CAT D NEW CONTROLLING OBSTRUCTION 63 FEET HIGHER AND VISIBILITY SET TO CURRENT VALUES. 7. PER AIRNAV DATA SHEET. 8. PER CURRENT CRITERIA. 9. MAG VAR OUT OF TOLERANCE. 10. CURRENT CRITERIA TO USE ON VS VIA. 11. RWY 23 HAS 34:1 PENETRATIONS. 12. PER CURRENT CRITERIA. 13. NEW CIRCLING CRITERIA APPLIED. (SEE FORM 8260-10)		

QUALITY  
 10  
 CHECKED

## INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

## MISSED APPROACH INSTRUCTIONS:

RWY 5: CLIMBING RIGHT TURN TO 3000 ON FWA R-134 TO OSBER INT/FWA 22.00 DME AND HOLD SE, LT, 314.02 INBOUND.

RWY 14: CLIMBING LEFT TURN TO 3000 ON FWA R-134 TO OSBER INT/FWA 22.00 DME AND HOLD SE, LT, 314.02 INBOUND.

RWY 23: CLIMBING LEFT TURN TO 3000 ON FWA R-134 TO OSBER INT/FWA 22.00 DME AND HOLD SE, LT, 314.02 INBOUND.

RWY 32: CLIMBING LEFT TURN TO 3000 ON FWA R-285 TO TELEY INT/FWA 17.48 DME AND HOLD W, RT, 105.25 INBOUND.

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-5 AND S-32 AND S-32 CAT C/D/E VISIBILITY TO 1 3/8 SM.



CITY AND STATE	ELEVATION: 815 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT WAYNE, IN	AIRPORT NAME: FORT WAYNE INTL	FWA ASR	RADAR-1, AMDT 26	AMDT: 25
				DATED: 07/02/09

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
COORDINATED WITH: <div style="display: flex; justify-content: space-around;"> <div>ATA <input type="checkbox"/></div> <div>AAT <input type="checkbox"/></div> <div>ALPA <input type="checkbox"/></div> <div>APA <input type="checkbox"/></div> <div>AOPA <input type="checkbox"/></div> <div>NBAA <input type="checkbox"/></div> <div>OTHER (specify) <input type="checkbox"/></div> </div>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:
CHANGES: CHANGES CONT. 11. ADDED NOTE RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. 12. UPDATED FOR INOPERATIVE ALS NOTE. 13. ADDED CHART CIRCLING ICON. 14. REVISED S-5 AND S-32 INOPERATIVE ALS NOTES.		
REASONS: 14. PER CURRENT CRITERIA.  01/05/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/03/16. 1. UPDATED RWY 05, 14 AND 23 MISSED APPROACH FROM FWA R-128 TO FWA R-134 AND HOLDING COURSE INBOUND FROM 308.02 TO 314.02. 2. UPDATED RWY 23 MISSED APPROACH FROM FWA R-279 TO FWA R-285 AND HOLDING COURSE INBOUND FROM 099.25 TO 105.25.		



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD											
PART - A OBSTRUCTION DATA											
1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.			
FINAL: RW05	5 NM FROM THLD	0.5 NM FROM THLD	1. AAO	405311.95N/0851548.04W	1069 (2C)	250		1320			
FINAL: RW14	5 NM FROM THLD	0.5 NM FROM THLD	2. AAO	410355.94N/0851546.42W	1069 (2C)	250		1320			
FINAL: RW23	5 NM FROM THLD	0.5 NM FROM THLD	3. AAO	410219.90N/0850641.40W	1019 (2C)	250	XP31	1300			
FINAL: RW32	5 NM FROM THLD	0.5 NM FROM THLD	4. AAO	405419.81N/0850802.97W	1029 (2C)	250		1280			
MAP:	RW05: 0.5 NM FROM	OSBER				ASC		3000			
	THLD		5. TOWER (18-001340)	404615.00N/0845605.00W	1223 (3C)	1000		2300			
			6. TERRAIN	405209.00N/0845236.00W	857 (900)		AS1500	2400			
MAP:	RW14: 0.5 NM FROM	OSBER				ASC		3000			
	THLD		5. TOWER (18-001340)	404615.00N/0845605.00W	1223 (3C)	1000		2300			
			6. TERRAIN	405209.00N/0845236.00W	857 (900)		AS1500	2400			
MAP:	RW23: 0.5 NM FROM	OSBER				ASC		3000			
	THLD		5. TOWER (18-001340)	404615.00N/0845605.00W	1223 (3C)	1000		2300			
			6. TERRAIN	405209.00N/0845236.00W	857 (900)		AS1500	2400			
2. PROCEDURE TURN											
3. MISSED APPROACH	MAP:	RW32: 0.5 NM FROM	TELEY			ASC		3000			
		THLD		7. TOWER (18-000005)	405947.00N/0852106.00W	1172 (4D)	1000	2200			
	ELEV:	1070/1070/1050/1030		8. TERRAIN	410348.00N/0852545.00W	903 (900)		AS1500	2400		
4. CIRCLING	DISTANCE	H T. A B V. A R P T.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	505	9. ATCT (18-002642)	405819.62N/0851115.84W	1000 (1A)	300	SI	1320
CATEGORY B	1.5 NM		450		505	9. ATCT (18-002642)	405819.62N/0851115.84W	1000 (1A)	300	SI	1320
CATEGORY C	1.7 NM		450		605	10. TOWER (18-001956)	405504.00N/0851126.00W	1061 (5D)	300	AC50	1420
CATEGORY D	2.3 NM		550		705	11. TOWER (18-001314)	405851.00N/0851644.00W	1169 (5D)	300	AC50	1520
CATEGORY E	4.5 NM		550		705	11. TOWER (18-001314)	405851.00N/0851644.00W	1169 (5D)	300	AC50	1520
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID:							
SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A		
CITY AND STATE		AIRPORT & ELEVATION 815			FACILITY		PROCEDURE AND AMENDMENT NO:		REGION		
FORT WAYNE, IN		FORT WAYNE, INTL			FWA ASR		RADAR-1 , AMDT 26		AGL		

QUALITY  
 10  
 CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:
1. COMMUNICATIONS WITH :			2. WEATHER SERVICE			3. ALTIMETER SETTING				NO ADDITIONAL AIRSPACE REQUIRED  PRECIPITOUS TERRAIN EVALUATION COMPLETED.  ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.83NM CAT C: 2.88NM CAT D: 3.77NM CAT E: 4.71NM  KFWA ASOS IS ON WMSCR AND OPERATED 24 HOURS  70 FT VEGETATION USED PER FPT CHECKLIST  VGSI DATA RW5: NONE, VGSI DATA RW14: 3.00/52.70, VGSI DATA RW23: 3.00/76.20, VGSI DATA RW32: 3.00/75.70  PER ATCT THEY ARE 24 HR FACILITY  #3 XP31 TO MAINTAIN CURRENT MDA  ORDER 8260.3, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS RW23: ASR: 34:1 839 TREE (18-022313) 405921.94N/0851050.99W (12.94)  BACKUP ALTIMETER NOT PUBLISHED, REDUNDANT WEATHER SOURCES AVAILABLE.
FWA APP CON			<input type="checkbox"/>	N W S	OTHER:		SOURCE: KFWA			
ZAU ARTCC			<input type="checkbox"/>	F A A	ASOS		DISTANCE:			
FWA TOWER			<input type="checkbox"/>	A / C			HOURS REMOTE OPERATION:			
SATISFACTORY ON:			<input checked="" type="checkbox"/>	V H F	<input checked="" type="checkbox"/>	U H F	<input type="checkbox"/>	H F	LOCATION: KFWA	
4. MONITOR STATUS	PRIMARY NAVAID: FWA ASR									
	MONITOR POINT: FWA APP CON									
	HRS	CAT 1	24							
	OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING	<input checked="" type="checkbox"/>	ALS F-2 05								
	<input type="checkbox"/>	(S) SALS								
	<input checked="" type="checkbox"/>	MALS R 32								
	<input checked="" type="checkbox"/>	HIRL 05, 14, 23, 32								
	<input type="checkbox"/>	MIRL								
	<input checked="" type="checkbox"/>	REIL 14, 23								
	<input checked="" type="checkbox"/>	TDZ 05								
	<input checked="" type="checkbox"/>	C/LINE 05, 23								
<input checked="" type="checkbox"/>	OTHER (Specify) PAPI-4L 14, 23, 32									
6. RUNWAY MARKINGS		BASIC BSC-G 09, 27								
		ALL WEATHER PIR-G 05, 14, 23, 32								
		INSTRUMENT								
7. RUNWAY VISUAL RANGE		APPROACH 05, 23, 32								
		MIDFIELD 05, 23								
		ROLL OUT 05, 23								
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
		THRESHOLD CROSSING HEIGHT:								
9. FINAL APPROACH COURSE AIMING		<input checked="" type="checkbox"/>	RUNWAY THRESHOLD					F T. FROM THRESHOLD		
		<input checked="" type="checkbox"/>	ON CENTERLINE					F T. FROM CENTERLINE		
10. WAIVERS:										
NONE										
PART D - PREPARED BY:						DATE:				
PABLO ORTIZ						06/03/2016				
TITLE:						OFFICE:				
AERONAUTICAL INFORMATION SPECIALIST						AJV-5423				

QUALITY  
10  
CHECKED